

Stephanie Carr/R1/USEPA/US

05/15/2008 08:42 AM

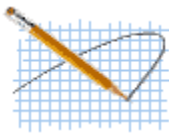
To Glenn Pizzarella/R1/USEPA/US@EPA

cc

bcc

Subject Fw: Wampus Milford

----- Forwarded by Stephanie Carr/R1/USEPA/US on 05/15/2008 08:42 AM -----



Stephanie Carr/R1/USEPA/US

04/01/2008 02:30 PM

To Jim Pfeifer <Jim.Pfeifer@erm.com>

cc director@raquettelake.com,

gennady.shteynberg@po.state.ct.us

Subject RE: Wampus Milford

Jim,

Sorry it's taken me longer than I expected to get back to you on your question.

The 2005 sediment samples collected by ERM from the Stubby Plain brook, both upstream and downstream of the Wampus Milford groundwater plume and drainage swale, showed likely impact to brook sediments from the Wampus Milford site. Specifically, lead, copper, cadmium, chromium, beryllium, PAH, and TPH concentrations appeared more elevated downstream of the site (see attached data tables and figures). For this reason, DEP had requested a schedule for further investigation and human and ecological risk assessment for the brook in its June 13, 2006 letter (attached). These data from Stubby Plain Brook sediments did not meet the threshold for EPA Superfund Removal program involvement. Therefore, the remediation completed by FCI in 2007 was performed on the drainage swale sediments and soils and did not address Stubby Plain Brook sediments.

The 2005 sediment data show concentrations that may pose a risk to human health, depending on the potential for human exposure to these sediments (e.g., based on the extent to which the area and or downstream areas are used recreationally and/or for fishing or shellfishing). These concentrations could also pose a risk to ecological receptors. Therefore, in order for Wampus Milford to complete its RCRA Corrective Action requirements, additional characterization and risk assessment of Stubby Plain Brook sediments is necessary. The results of this characterization and risk evaluation could then be used to determine whether any remedial steps are necessary.

Please send a schedule to Gene Shteynberg and I for further evaluation of the Stubby Plain Brook by Wampus Milford by the end of April 2008. If you would like to schedule a meeting to discuss data needs for the brook, please let Gene or I know.

Thanks very much Jim. Hope all is well with you, Stephanie

-----Jim Pfeifer <Jim.Pfeifer@erm.com> wrote: -----

To: Stephanie Carr/R1/USEPA/US@EPA

From: Jim Pfeifer <Jim.Pfeifer@erm.com>

Date: 03/20/2008 10:23AM

Subject: RE: Wampus Milford

I was not aware of the need for such work. I thought that that work had been completed during HRP's efforts.

-----Original Message-----

From: Carr.Stephanie@epamail.epa.gov [<mailto:Carr.Stephanie@epamail.epa.gov>]
Sent: Thursday, March 20, 2008 6:58 AM
To: Jim Pfeifer
Cc: director@raquettelake.com; Gennady Shteynberg
Subject: RE: Wampus Milford

Thanks for your message, Jim. It's great to hear about the progress on Lot 1. Thanks in advance for sending the report on that work. With the progress on Lot 1 and completion of the swale area remediation, it looks like the sections of Stubby Plain Brook downgradient of the Wampus Milford site may be among the remaining areas where additional evaluation is needed. What is the current plan and time-frame for performing additional evaluation of the Brook?

Thanks again, Jim. I hope that you feel better soon! Stephanie

Jim Pfeifer <Jim.Pfeifer@erm.com>	To
03/19/2008 12:03 AM	Stephanie Carr/R1/USEPA/US@EPA
	cc
	"director@raquettelake.com" <director@raquettelake.com>
	Subject
	RE: Wampus Milford

No problem Stephanie. I'll send it along shortly, and will copy you on project-related technical information/reports in the future. I have been home with the flu for the past 2 days, and will take care of this upon my return, hopefully tomorrow. The owners of Lot 1 have really stepped up on this over the past year, and we are very close to closing out Lot 1 in accordance with the RSRs. Also, I was very happy to hear about the successful completion of the Swale area remediation by FCI.

Best Regards,

Jim

-----Original Message-----

From: Carr.Stephanie@epamail.epa.gov
[<mailto:Carr.Stephanie@epamail.epa.gov>]
Sent: Tuesday, March 18, 2008 10:14 AM
To: Jim Pfeifer
Subject: Wampus Milford

Jim -

It's been a while. Hope all is well with you.

I just spoke with Gene Shteynberg about his meeting with you to discuss the March 2008 site investigation and remediation status report for Lot 1 of the Wampus Milford site. Could you please send me the complete report in pdf format? A paper copy is OK if you don't have it available in pdf. Also, could you please continue to copy me on correspondence for the project.

Thanks very much Jim, Stephanie

Stephanie Carr
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swale figure.pdf Copy of 2005 Sediment Data.xls 2006 07 20 ECAF letter.pdf

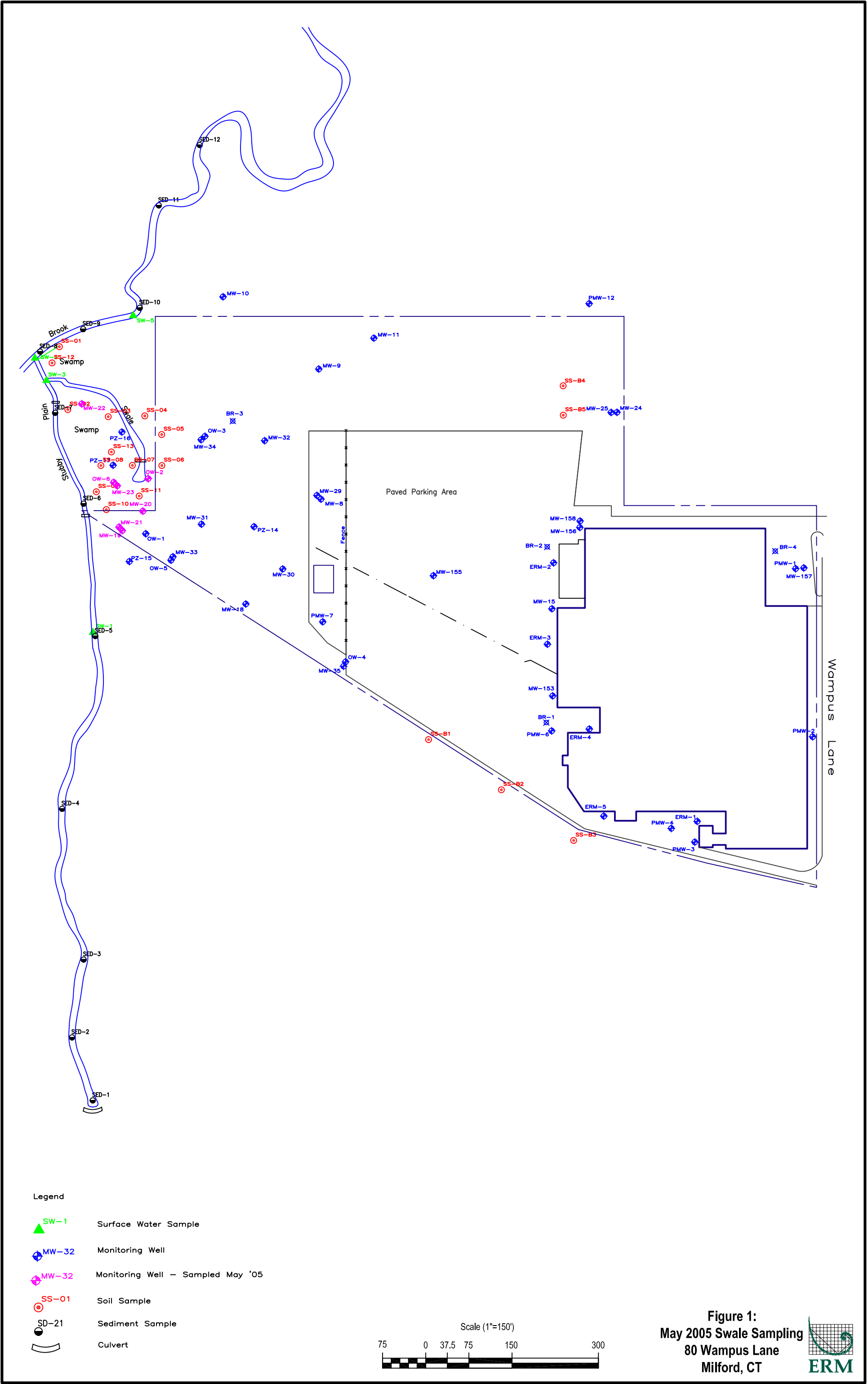


TABLE ?
SEDIMENT ANALYTICAL RESULTS - METALS
80 Wampus Lane
Milford, CT

CONSTITUENT	UNITS	Direct Exposure Criteria Residential	SED-01 SED-1 5/5/2005 (0-0.5)	SED-02 SED-2 5/5/2005 (0-0.5)	SED-03 SED-3 5/5/2005 (0-0.5)	SED-04 SED-4 5/5/2005 (0-0.5)	SED-05 SED-5 5/5/2005 (0-0.5)	SED-06 SED-6 5/5/2005 (0-0.5)	SED-07 SED-7 5/5/2005 (0-0.5)	SED-08 SED-8 5/5/2005 (0-0.5)
Silver	(mg/kg)	340	5.48 U	3.30 U	5.59 U	5.38 U	2.50 U	7.06	14.6	52.3
Aluminum	(mg/kg)		27200	10100	14900	32100	9050	26400	24800	26400
Beryllium	(mg/kg)	2	1.26	0.661	1.12 U	1.43	0.501 U	1.37	1.6	[2.67]
Cadmium	(mg/kg)	34	3.26	0.843	1.40 U	5.08	0.663	17.7	[39.6]	[90.7]
Chromium	(mg/kg)		50.8	23.3	29.4	66.3	12.4	78.2	121	298
Copper	(mg/kg)	2500	221	244	28.4	198	65.6	289	919	2130
Nickel	(mg/kg)	1400	35.7	13.9	18.7	45.5	9.41	46.4	71.1	79.5
Lead	(mg/kg)	400	256	97.2	69.8	[644]	66.9	328	324	[724]
Tin	(mg/kg)		4.36	5.14	3.8	5.68	2.63	50.8	293	961
Zinc	(mg/kg)	20000	392	126	50	464	90	401	557	486
Hex. Chromium	(mg/kg)	100	[1440] U D	[875] U D	[1470] U D	[1280] U D	[683] U D	[1660] U D	[1660] U D	[1280] U D

TABLE ?
SEDIMENT ANALYTICAL RESULTS - METALS
80 Wampus Lane
Milford, CT

CONSTITUENT	UNITS	Direct Exposure Criteria Residential	SED-09 SED-9 5/5/2005 (0-0.5)	SED-10 SED-10 5/5/2005 (0-0.5)	SED-11 SED-11 5/5/2005 (0-0.5)	SED-12 SED-12 5/5/2005 (0-0.5)
Silver	(mg/kg)	340	2.97	127	21.5	52
Aluminum	(mg/kg)		5210	22300	18600	16300
Beryllium	(mg/kg)	2	0.481	[12.1]	1.74	[7.69]
Cadmium	(mg/kg)	34	33.9	[1020]	[69.4]	[313]
Chromium	(mg/kg)		27.3	793	157	534
Copper	(mg/kg)	2500	129	[5760]	1180	[3320]
Nickel	(mg/kg)	1400	28.5	403	60.9	166
Lead	(mg/kg)	400	29.6	[1550]	273	[563]
Tin	(mg/kg)		30.0 U	3970	467	1380
Zinc	(mg/kg)	20000	90.1	1500	411	792
Hex. Chromium	(mg/kg)	100	[2840] U D	[1170] U D	[1400] U D	[1540] U D